

**ABSTRACT OF THE DISCLOSURE**

A phantom, adapted to be radiation-imaged to obtain a radiation image for evaluation in inspection of a radiation imaging system, is capable of performing both the quantitative 5 evaluation and the visual evaluation of the radiation image easily with a low cost and increasing accuracy of the constancy evaluation of the radiation imaging system. The phantom includes a base plate; a first member disposed on the base plate and having a first image quality evaluating pattern 10 formed thereon to be used for visual evaluation as to a predetermined image quality evaluation item; and a second member disposed on the base plate and having a second image quality evaluating pattern formed thereon to be used for quantitative evaluation as to the predetermined image quality 15 evaluation item.